

Serial No. 10/600,401 67036-030 B05424-AT6B

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IN THE CLAIMS:

- 1. (PREVIOUSLY PRESENTED) A static structure for a miniature gas turbine engine comprising:
 - a forward housing;
 - a diffuser housing mounted to said forward housing;
 - a combustor housing mounted to said diffuser housing; and
 - a forward cover mounted to said forward housing, said forward cover having an airflow passage defined within said forward cover, said airflow passage communicating airflow toward a first and a second rotor shaft bearing.
- 2. (WITHDRAWN) The static structure as recited in claim 1, further comprising an exhaust pipe mounted to said combustor housing.
- (CURRENTLY AMENDED) The static structure for a miniature gas turbine engine comprising:
 - a forward housing;
 - a diffuser housing mounted to said forward housing;
 - a combustor housing mounted to said diffuser housing; and
- a combustor liner sandwiched without fasteners between said diffuser housing and said combustor housing; and
- a forward cover mountable to said forward housing, said forward cover having an airflow passage which communicates airflow toward a lubrication passage defined within said forward housing.
- 4. (WITHDRAWN) The static structure as recited in claim 1, further comprising a turbine nozzle mounted without fasteners between said diffuser housing and said combustor housing.

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- 5. (ORIGINAL) The static structure as recited in claim 1, further comprising a lubrication passage defined within said forward housing, said lubrication passage communicating with a rotor shaft bearing.
- 6. (PREVIOUSLY PRESENTED) The static structure as recited in claim5, further comprising a metering jet in communication with said lubrication passage.
- 7. (ORIGINAL) The static structure as recited in claim 6, further comprising a rotor shaft driven pump which communicate a lubricant through said lubrication passage.

8-9. (CANCELLED)

- 10. (ORIGINAL) A miniature gas turbine engine comprising:
- a forward cover defining an airflow passage;
- a forward housing defining a first and a second lubrication passage;
- a diffuser housing mounted to said forward housing;
- a combustor housing mounted to said diffuser housing;
- a forward rotor shaft bearing mounted adjacent said forward housing;
- an aft rotor shaft bearing mounted adjacent said forward housing; and
- a rotor shaft rotationally mounted to said forward and aft rotor shaft bearings, said rotor shaft defining an axis of rotation;
- said first lubrication passage for communication of a lubricant toward said forward rotor shaft bearing;
- said second lubrication passage for communication of said lubricant toward said aft rotor shaft bearing;
- said airflow passage for communication of airflow generally parallel to said axis of rotation from said forward rotor shaft bearing toward said aft rotor shaft bearing.
- 11. (ORIGINAL) The engine as recited in claim 10, further comprising a metering jet within said forward housing and within each of said first and said second lubrication passage.

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- 12. (ORIGINAL) The engine as recited in claim 10, further comprising a metering jet upstream and in communication with each of said first and said second lubrication passage.
- 13. (ORIGINAL) The engine as recited in claim 10, further comprising a pump driven by said rotor shaft to communicate a lubricant through said first and second lubrication passage.
- 14. (WITHDRAWN) The engine as recited in claim 10, further comprising an exhaust pipe welded to said combustor housing.
- 15. (PREVIOUSLY PRESENTED) The engine as recited in claim 10, further comprising a combustor liner sandwiched without fasteners between said diffuser housing and said combustor housing.
- 16. (WITHDRAWN) The engine as recited in claim 10, further comprising a turbine nozzle mounted without fasteners between said diffuser housing and said combustor housing.
- 17. (PREVIOUSLY PRESENTED) The static structure as recited in claim 3, wherein said combustor liner is entrapped between said diffuser housing and said combustor housing.
 - 18. (CANCELED)